

### **Abstract**

The invention pertains to a dry powder inhaler (1) with a mouthpiece (2) for dispersing pharmaceutical drug formulations, which has available an auxiliary energy source in the form of a pressure medium system (3), with a device for provisioning (6) of a powder formulation (7), whereby upon activation of the pressure medium system a gaseous pressure medium (8) released by the pressure medium system (3) forms with the powder formulation (7) an aerosol (9) in such a way that the powder particles are present in dispersed form within the gaseous pressure medium (8).

A dry powder inhaler (1) is to be made available, with which a particle size and particle size distribution preferred for inhalation are to be achieved and by means of which as high a fine particle fraction as possible is to be realized.

This is achieved by means of a dry powder inhaler (1 ) that is characterized in that provided in the inhaler (1) is a nozzle (10) through which the aerosol (9) flows before leaving the inhaler (1).

With this: Fig. 1